



NOTE : THIS CONSTRUCTION IS ONLY TO BE USED AFTER CONSULTATION WITH THE RELEVANT AUSGRID SECTIONS.

ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. DO NOT SCALE.

NOTES :
 1. SOME MATERIAL QUANTITIES MAY VARY DEPENDANT ON POLE SIZE AND CONSTRUCTION TYPE.
 2. ALL COMPRESSION LUGS TO BE TERMINATED USING CORRECT PROCEDURES AND CALIBRATED TOOLS.
 3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE. DO NOT SCALE. DIMENSIONS TAKE PRECEDENCE.
 4. ONLY ONE ELECTRICAL CONNECTION PER BOLT PERMITTED.
 5. ATTACH CABLE TIES AROUND THE MEDIUM VOLTAGE CABLE COVER AT THE BEGINNING OF THE SECTION, AT EQUAL INTERVALS UP TO 750mm APART AND AT THE END OF THE SECTION.
 6. REFER TO DESIGNER SAFETY REPORT D21/83653 FOR ATYPICAL HAZARDS ASSOCIATED WITH THIS STANDARD CONSTRUCTION.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SHEET 1

ITEM	DESCRIPTION	DRG. No	STOCK CODE	BASE QTY	LV	SL
50	TI - CABLE, 250x7mm, BLACK, LV STABILISED, PVC (SEE NOTE 5)		179755		A/R	
49	COVER - CONDUCTOR, MEDIUM VOLTAGE, GREY (TO SUIT CONDUCTOR SIZE) (TE CONNECTIVITY PART No. MVCC-G-XXXX)		PURCHASE		A/R	
48	FLAG - EARTH, 50x3 x100mm, TINNED COPPER		3			
47	SCREW - COACH, M10x65mm, GALVANISED		50542		A/R	
46	SCREW - #12x45mm, SELF DRILLING		175567			
45	CONNECTOR - SERVICE/STREET LIGHTING INSULATOR PIERCING		73585			2
44	CABLE - 2.5mm ² , Cu, 2C, PVC INSULATED		H15011			A/R
43	SADDLE - 25mm, DOUBLE SIDED, GALVANISED		66043			A/R
42	CONDUIT - FLEXIBLE, Ø20mm, GREY		176566			A/R
41	CLAMP - D-TECHNIK, K SERIES 50/75		182114		3	
40	LUG - COMPRESSION, BI-METALLIC, LONG PALM (TO SUIT CONDUCTOR) (DRILL PALM TO SUIT ITEM 10) (SEE NOTE 2)				3	
39	CABLE - 70mm ² , Cu, PVC INSULATED, BLACK		60111		A/R	
38	CABLE - 185mm ² , Cu, PVC INSULATED, BLACK		184617		A/R	
37	CONDUCTOR - TO SUIT PHASE CONDUCTOR				A/R	
36	CLAMP - PARALLEL GROOVE, 3 BOLT (TO SUIT CONDUCTOR)		514099		3	
35	SHACKLE - BOW, 70mm, REF 70'S, A.S.1154.2		13864		30890	2
34	LUG - COMPRESSION, COPPER, Ø12mm HOLE (TO SUIT 70mm ² CABLE) (SEE NOTE 2)		74831		10	
33	LUG - COMPRESSION, COPPER, Ø12mm HOLE (TO SUIT 185mm ² CABLE) (SEE NOTE 2)		73312		2	
32	SCREW - COACH, M12x65mm, GALVANISED		H40476		14	
31	WASHER - SPRING, M12, STAINLESS STEEL		518082		143859	24
30	WASHER - FLAT, M12, STAINLESS STEEL		518081		49429	48
29	NUT - M12, HEX, STAINLESS STEEL		515467		8987	24
28	BOLT - M12x40mm, HEX, STAINLESS STEEL		515467		45146	24
27	WASHER - SPRING, M10, GALVANISED				6	
26	SCREW - COACH, M12x90mm, GALVANISED		50443			2
25	BOLT & NUT - M10x75mm, HEX, GALVANISED		515466		46326	6
24	WASHER - FLAT, M10, GALVANISED		518081		177983	A/R
23	SCREW - COACH, M10x40mm, GALVANISED		50567		48	
22	WASHER - FLAT, M12, GALVANISED		518081		177982	14
21	WASHER - SQUARE, 75x75x6mm, GALVANISED (Ø22mm HOLE)		518081		H39231	4
20	WASHER - CONICAL, M20, GALVANISED		518082		H39655	2
19	WASHER - FLAT, M20, GALVANISED		518081		177986	2
18	BOLT & NUT - M20, HEX, GALVANISED (LENGTH TO SUIT POLE)		515466		177986	2
17	CLAMP - SUSPENSION (TO SUIT LV ABC CONDUCTOR SIZE)					1
16	CLAMP - EARTH, DOWNLEAD (TO SUIT 70mm ² CABLE)				A/R	
15	CLAMP - CABLE, STAINLESS STEEL, ADJUSTABLE BAND, TYPE 30-100mm		160792		177851	A/R
14	COVER - CABLE, VENTILATED, UPPER		160792		177882	4
13	COVER - CABLE, VENTILATED, LOWER		59737		177711	4
12	BRACKET - STREETLIGHT, TYPE 3A		59737		72272	
11	LUG - COMPRESSION, CABAC CAL300LPB (REFER TO DRILLING ARRANGEMENT) (SEE NOTE 2)				182151	3
10	PLATE - CONNECTION, 50x10x225mm, H.D.H.C. COPPER				3	
9	BAR - EARTH, 50.8x3.18x400mm, TINNED COPPER		527144		2	
8	BRACKET - SURGE ARRESTER, 33kV		153799		H113456	3
7	BRACKET - CABLE SUPPORT				3	
6	INSULATOR - 66kV, HORIZONTAL LINE POST, WITH TWO HOLE TONGUE END FITTING				181308	1
5	COVER - TERMINATION PLATE				176721	3
4	ARRESTER - SURGE, 33kV, 10kA, STD MOUNTING				H113407	3
3	TERMINATION - CABLE (TO SUIT 33kV 300mm ² Cu1 XLPE CABLES)				178657	3
2	CABLE - 300mm ² , Cu, 1C, XLPE				A/R	
1	POLE - TIMBER (AS REQUIRED)		513988		1	

APPD by	CHKD by	DATE	DESCRIPTION
GLENN FORD	PHILLIP JONES	26/10/2018	MINOR CHANGES TO MATERIAL LIST & NOTE ON DETAIL 4
GLENN FORD	PHILLIP JONES	30/04/2019	STREETLIGHT DETAILS LIST AMENDED, EARTHING SYSTEM AMENDED.
GLENN FORD	PHILLIP JONES	08/11/2019	CABLE SUPPORTER & BRACKETS CHANGED, ITEM 10 MODIFIED, ITEM 11, DRILLING & ITEM 46 ADDED.
GLENN FORD	PHILLIP JONES	14/01/2021	NOTES ADDED, MATERIAL LIST AMENDED.
GLENN FORD	PHILLIP JONES		

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